

Title (en)

METHOD FOR MANUFACTURING A POROUS ABRADABLE COATING MADE OF CERAMIC MATERIAL

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER PORÖSEN ABREIBBAREN BESCHICHTUNG AUS KERAMISCHEM MATERIAL

Title (fr)

PROCEDE DE FABRICATION D'UN REVÊTEMENT ABRADABLE POREUX EN MATERIAU CERAMIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2020074828A1] The invention relates to a method for manufacturing a porous abrasible coating, comprising a step of filling a mould with hollow beads made of glass or thermosetting polymer and a slip, and a step involving sintering heat treatment in order to obtain a layer (12) of ceramic material comprising pores (14), a maximum sintering temperature for sintering the raw mix of the ceramic piece being either higher than the melting temperature of the hollow glass beads (16B) such that, at the end of the sintering heat treatment, the hollow glass beads (16B) have melted, or higher than the decomposition temperature of the hollow thermosetting polymer beads (16B) such that, at the end of the sintering heat treatment, the hollow thermosetting polymer beads (16B) have decomposed.

IPC 8 full level

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